

ABSTRACT

TURNING DEVICE FOR LUMBER AND THE LIKE

5 A turning device for use in concert with a conveyor adapted to feed elongated wood pieces one-by-one to the turning device comprises at least one turning member moveable between an idle position and an operational position, a sensor located
10 upstream of the turning member, for scanning the wood pieces on the conveyor, and an deflector controlled by the sensor and adapted, when actuated, to selectively cause the turning member to be displaced to the operational position for turning a given
15 elongated wood piece on the conveyor to a desired position. The turning member is pivotally mounted to a motorised chain for continuously displacing the turning member adjacent the conveyor. The turning member also includes a guide pin, and the chain
20 drives the turning member along a closed-loop guide track, the turning member having its guide pin engaged in the track. The guide track defines a main section and a secondary section, wherein when in the main section, the turning member remains in its idle
25 position, whereas when the turning member engages the secondary section, it is displaced to its operational position. The deflector is pivotally displaceable between first and second positions by the sensor, whereby in the first position, the turning member
30 displaces in the main section in its idle position, whereas in the second position, the turning member is guided so as to displace in the secondary section in its operational position.